

## ABSTRACT OF THE DISCLOSURE

A power train (1) of an all-wheel drive vehicle with at least two driven vehicle axles (4, 5), with a main transmission (3) placed between a main engine (2) and the vehicle axles (4, 5), capable of displaying different conversion ratios, which has three control and adjustment frictional clutches ( $k_{VA}$ ,  $k_{HA\_L}$  and  $k_{HA\_R}$ ). The first clutch ( $k_{VA}$ ) is placed between the main transmission (3) and the first vehicle axle (4) and the second clutch ( $k_{HA\_L}$ ) and the third clutches ( $k_{HA\_R}$ ) are respectively located between an axle transmission (7) and two driven wheels (5A, 5B) of the second vehicle axle (5). The respective transfer capabilities of the clutches ( $k_{VA}$ ,  $k_{HA\_L}$ ,  $k_{HA\_R}$ ) can be adjusted with an actuator (8), and the driving torque between the driven vehicle axles (4, 5) can be distributed depending on the adjusted transfer capabilities of the clutches ( $k_{VA}$ ,  $k_{HA\_L}$ ,  $k_{HA\_R}$ ).